

## LOAD BALANCING AND FAILOVER

### ABSTRACT

5        Provided are techniques for static load balancing. For each data path in a network adapter team, a load balancing value is computed. A maximum value of the computed load balancing values is determined. A data path with the maximum value is selected for use in routing data.

10      Also provided are techniques for dynamic load balancing. An actual load balancing share is computed for each data path in a network adapter team. For each data path, it is determined whether a load balancing share for the data path is less than the actual load balancing share for the data path and when the load balancing share is less than the actual load balancing share, the load balancing share of the data path is adjusted.

15      Furthermore, provided are techniques for failover processing. It is determined whether a command may be routed through a first network adapter. The command is routed through the first network adapter in response to determining that the command may be routed through the first network adapter. The command is routed through a second network adapter in response to determining that the command may not be routed through the first network adapter.